

**TITLE:** Southwest Fisheries Science Center (SWFSC) Advantages of FIS

**AUTHOR:** Al Coan and Ken Wallace, NMFS Southwest Fisheries Science Center

**PRESENTER:** Al Coan

**OBJECTIVE:** Review how FIS has helped the SWFSC and SWR to meet obligations and contribute to FIS objectives.

**ABSTRACT:**

This presentation will describe how the SWFSC and SWR has taken advantage of existing technology, identified by FIS, to more efficiently meet increasing demands for data base technology. Two projects are identified (FIS permits system and longline observer data base) and progress to date is reviewed. Also, the SWFSC has, with the help of FIS, started to load legacy data into a Highly Migratory Species (HMS) enterprise data base model. The model takes a different approach to data modeling where all data sets used by the Center's HMS group are modeled together instead of individually. A brief review of the system design considerations will be followed by a summary of the progress made in 2004. In addition, specific examples of the advantages of the new system will be explained, including a forward looking discussion of short and long term SWFSC goals for the system and FIS.